



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christianson et al.

Attorney Docket No.: ACTUP008X1/
337298003US1

Application No.: 09/921,010

Examiner: Leslie Wong

Filing Date: 08-01-2001

Group: 2164

Title: METHOD AND APPARATUS FOR
STORING SEMI-STRUCTURED DATA IN A
STRUCTURED MANNER

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Services as First Class Mail to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 11, 2006.

Signed

Mary Deauclaire

COMMUNICATION

Regarding Consideration of Previously Cited References

Mail Stop: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

Upon receiving the Notice of Allowance, we reviewed the 1449 forms to ensure that all references were signed off by the Examiner. When we discovered that all references were not signed off, my secretary contacted you. In a telephone conversation with my secretary this week, you had indicated that the reason that the previous examiner did not sign off on these references was that copies of these references were not sent with the previously filed IDS. At that time, you asked that we send you copies of the previously cited references.

Attached are copies of the Information Disclosure Statement and Form 1449 that was previously filed on May 30, 2002 in the above-referenced application. Also attached are copies of the non-US patent references cited in that IDS.

We request that you consider and sign off on the remainder of the references, based upon the attached copies of all the non-US patent references.

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP

Elise R. Heilbrunn
Reg. No. 42,649

P.O. Box 70250
Oakland, CA 94612-0250

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231, on:



Date: 5/30/02

By: [Signature]
Douglas A. Gow

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: DENISE DRAPER ET AL.

APPLICATION No.: 09/921,010

FILED: AUGUST 01, 2001

FOR: METHOD AND APPARATUS FOR
STORING SEMI-STRUCTURED DATA
IN A STRUCTURED MANNER

CONFIRMATION No. 5029

ART UNIT: 2171

DATE: MAY 30, 2002

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 CFR 1.97(b)**

Commissioner for Patents
Washington, D.C. 20231

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- ☒ Copies of the following references are enclosed:
 - ☒ All cited references
 - ☐ References marked by asterisks
 - ☐ The following:
- ☐ Copies of the following references can be found in parent application Ser. No.:
 - ☐ All cited references
 - ☐ References marked by asterisks
 - ☐ The following:
- ☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be

an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☐ References marked by ampersands
- ☐ The following:

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

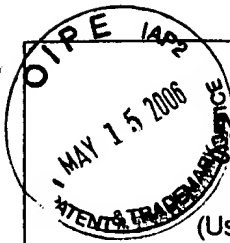
Respectfully submitted,
Perkins Coie LLP

Date: May 30, 2002

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	09/921,010
Confirmation Number	5029
Filing Date	08/01/2001
First Named Inventor	Denise Draper
Group Art Unit	2171
Examiner Name	
Attorney Docket No.	337298003US1

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		09/921,446		Draper et al.	08/01/01	
		09/718,228		Draper et al.	11/21/00	
		09/517,468		Draper et al.	03/02/00	
		09/517,131		Draper et al.	03/02/00	
		4,014,004		Fuller	03/22/77	
		5,572,583		Wheeler et al.	11/05/96	
		5,852,825		Winslow	12/22/98	
		6,356,920		Vandersluis	03/12/02	
		6,356,906		Lippert et al.	03/12/02	
		6,343,287		Kumar et al.	01/29/02	
		6,339,776		Dayani-Fard et al.	01/15/02	
		6,308,179		Petersen et al.	10/23/01	
		6,263,332		Nasr et al.	07/17/01	
		6,094,649		Bowen et al.	07/25/00	
		5,970,490		Morgenstern	10/19/99	
		5,826,258		Gupta et al.	10/20/98	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No.	Foreign Patent or Application		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	T
		Offic e	Kind Code (if known)				
		WO	WO 01/17286	Ho	03/08/01		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T

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Sheet 2 of 3

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

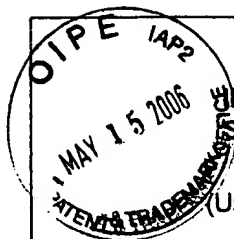
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		Daniela Florescu et al, "A Performance Evaluation of Alternative Mapping Schemes for Storing XML Data in a Relational Database," an-Experience Paper-, pages 1-22.	
		Jayavel Shanmugasundaram et al, "Relational Databases for Querying XML Documents: Limitations and Opportunities," Proc. of the 25 th VLDB Conf., Edinburgh, Scotland, 1999, 13 pages.	
		Colby, Latha S., "A Recursive Algebra and Query Optimization for Nested Relations," Department of Computer Science, Indiana University, Bloomington, IN, pages 273-283, SIGMOND '95.	
		Fegaras, Leonidas and Maier, David, "Towards an Effective Calculus for Object Query Languages," Department of Computer Science and Engineering, Oregon Graduate Institute of Science & Technology, Portland, Oregon, pages 47-58, SIGMOD '95.	
		Breazu-Tannen, Val et al., "Naturally Embedded Query Languages," Database Theory - ICDT '92, 4th International Conference, Berlin, Germany, October 14-16, 1992 Proceedings.	
		Abiteboul, Serge, et al., "Foundations of Databases," Chapter 20, pages 508-541, Addison-Wesley Publishing Company, Inc., 1995.	
		Accessing Data Using Visual Basic, Copyright 2001 Microsoft Corporation http://msdn.microsoft.com/library/en-us/vbcon98/html/vbconaccessingdata.asp?frame=true [Accessed 11/11/01]	
		Forms and Data-Aware Controls, Copyright 2001 Microsoft Corporation http://msdn.microsoft.com/library/en-us/vbcon98/.../vbcondataawarecontrols.asp?frame=tru [Accessed 11/11/01]	
		Oracle8 Concepts, Release 8.0 Procedures and Packages, Copyright 1997 Oracle Corporation http://www-wnt.gsi.de/oragsidoc/doc_804/database.804/a58227/ch14.html [Accessed 11/11/01]	
		Reilly, Douglas, "Using Stored Procedures in Active Server Pages" http://www.ddj.com/documents/s=875/ddj0065e/ [Accessed 11/11/01]	
		Nimble Technology Home Page July 17, 2000	
		Nimble Technology, "The Nimble Integration Suite™" White Paper, September 11, 2000.	

[09901-0001/IDS 1449.doc]

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Attorney Docket No.	337298003US1

Sheet	3	of	3
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		Stored Procedures Overview http://www.va/pubnix.com/man/xdb/sqlref/Overview_413.html [Accessed 11/11/01]	
		"W3C XML-QL: A Query Language for XML," Submission to the World Wide Web Consortium, August 19, 1998 http://www.w3.org/TR/1998/NOTE-xml-ql-19980819/ [Accessed 11/11/01]	
		W3C Architecture Domain, XML Schema http://www.w3.org/XML/Schema.html [Accessed 11/11/01]	
		W3C Document Formats Domain, The Extensible Stylesheet Language (XSL) http://www.w3.org/Style/XSL [Accessed 11/11/01]	

[09901-0001/IDS 1449.doc]

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Sheet 1 of 3

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		09/718,228		Draper et al.	11/21/00	
		09/517,468		Draper et al.	03/02/00	
		09/517,131		Draper et al.	03/02/00	
		4,014,004		Fuller	03/22/77	
		5,572,583		Wheeler et al.	11/05/96	
		5,852,825		Winslow	12/22/98	
		6,356,920		Vandersluis	03/12/02	
		6,356,906		Lippert et al.	03/12/02	
		6,343,287		Kumar et al.	01/29/02	
		6,339,776		Dayani-Fard et al.	01/15/02	
		6,308,179		Petersen et al.	10/23/01	
		6,263,332		Nasr et al.	07/17/01	
		6,094,649		Bowen et al.	07/25/00	
		5,970,490		Morgenstern	10/19/99	
V		5,826,258		Gupta et al.	10/20/98	

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		WO	WO 01/17286	Ho	03/08/01		

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C. E. Rehn

DATE CONSIDERED

2/2/05

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